



REQUEST FOR PROPOSAL FOR Cooke WELL REFURBISH

INQUIRIES AND PROPOSALS SHOULD BE DIRECTED TO:

Big Plains Water and Sewer SSD
1777 North Meadowlark Drive
Apple Valley Utah 84737

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I. GENERAL INFORMATION.

Purpose. This request for proposal (RFP) is to contract for Cooke Well refurbishment for **Big Plains Water and Sewer Special Service District** (referred to as the District)

Instructions on Proposal Submission.

Closing Submission Date. Proposals must be submitted no later than **3:00 PM December 26, 2019**

Conditions of Proposal. All costs incurred in the preparation of a proposal responding to this RFP will be the responsibility of the Offeror and will not be reimbursed by the District.

Instructions to Prospective Contractors.

Your proposal should be addressed as listed above.
It is important that the Offeror's proposal be submitted in a sealed envelope clearly marked corner with the following information:

Request for Proposal
December 26, 2019 3:00 p.m.

Sealed Proposal. Failure to seal may result in premature disclosure of your proposal. It is the responsibility of the Offeror to ensure that the proposal is received by the District, by the date and time specified above. Late proposals will not be considered.

Right to Reject. The District reserves the right to reject any and all proposals received in response to this RFP. A contract for the accepted proposal will be drafted based upon the factors described in this RFP.

Notification of Award. It is expected that a decision selecting the successful Firm will be made on January 2, 2020. Upon conclusion of final negotiations with the successful



Firm, all Offerors submitting proposals in response to this Request for Proposal will be informed, in writing, of the name of the successful applicant.

II. SCOPE OF SERVICES.

The Offeror services as outlined in the enclosed bid summary.

III. PROPOSAL CONTENTS.

The Offeror, in its proposal, shall, as a minimum, include the following;

Experience. The Offeror should describe its experience, including the names, contact persons, and telephone numbers of at least three clients for which similar services have been provided by the Offeror. Offeror must be a licensed driller in good standing with the State of Utah. Any bidder may, if desired, schedule a pre-bid walk through by calling the phone numbers listed above.

Price. The Offeror's proposed price should include price as broken down by the enclosed bid summary packet.

IV. PROPOSAL EVALUATION

Bid Opening. The public is welcome to the bid opening on Thursday, December 26, 2019 at 3:00 PM at the Apple Valley Town Office at 1777 N Meadowlark Dr., Apple Valley, UT 84737.

Evaluation Procedure and Criteria. The District board members and staff will review proposals and make recommendations to the District Board for final approval. The Board may request a meeting with qualified Offerors prior to final selection. Proposals will be reviewed in accordance with the following criteria; level of experience, response from references, cost, and interviews of conducted.



COOKE WELL REFURBISH BID SUMMARY

Well Information

8' Well, Drilled and cased to 340', static level 18', with existing inoperative 15 HP, single phase, 230 VAC, 75 amp, pump and motor, set on 273' of 3" column pipe on 3" pitless adapter.
Existing 240 VAC single phase power and disconnect in pump house.

Contractor to quote equipment and labor to outfit the Cooke Well to produce 55 gallons per minute (GPM) at 500 feet of total dynamic head (TDH) . Please provide manufacture name, model number and horsepower of quoted equipment, where applicable.

Bid Part 1 - Equipment

1ea Submersible pump and motor, 3 phase, 230 VAC, capable of producing 55 GPM at 500' TDH

300' Submersible pump cable, rated at 230 VAC, 4 wire, copper, jacketed

1ea Danfoss, 230 VAC, 3 phase, Variable frequency drive (VFD), Nema 1 enclosure, properly sized to supply three phase to the quoted pump from the single phase supply voltage.

1ea Surge suppressor, 230 VAC, 3 phase

2ea Check valves, 2" heavy duty, poppet type

280' Column pipe, 2" Schedule 120 PVC with stainless steel couplings

1ea 3' x 2" bushing to adapt from 3" pitless to 2" column pipe

7ea Centering devices 2' x 8"

1ea Liquid level Transducer, 100 PSI, 4-20 MA, with 320' of cable- for input into VFD

1ea Lakos sand separator, mounted over the submersible pump, minimum 70 GPM capacity

1ea Octave, Flow meter, 3" flanged, with input capability to the VFD

All prices for merchandise, materials and supplies to include freight costs. FOB Apple Valley Cooke well site.

Total quote for Cooke well merchandise: _____



Bid Part 2 – Installation

Quote for labor and rig rate to pull the inoperative 15 HP single phase pump and motor and 270' of column pipe, install the new pump, motor, sand separator, cable, column pipe, check valves, centering devices, and transducer in the well, mount the VFD in the pump house, wire up the pump, and the transducer, program the VFD including the liquid level transducer, and test the pump and the system. Verify pumping level and the output of the submersible pump at 55 GPM at 500' TDH. Disinfect the well as per Utah water well specifications to ensure cleanliness of the water after removal and reinstallation of the pumps and column pipe.

Contractor to provide a minimum 1-year warranty on the installed system, which includes materials, rig rate and labor. Any additional or extended warranty available on installed equipment to be noted along with any additional costs, if applicable.

All salvaged equipment removed from the well and pumphouse to remain with the SSD.

Total quote for Cooke well mobilization, rig rate, labor and disinfection:



Bid Part 3 – Pump house

Provide and install additional ductile iron and PVC fittings, to include 90s, spools, isolation gate valve, piping support stands and wire inside the pumphouse. Plumb the 3” check valve, flow meter, air vac, and valve to waste. Provide and install wire from the flow meter to the VFD, provide and install the single phase power to the waste valve, wire up and test. Install transitional 3” PVC fittings in the pumphouse floor, to the new 3” ductile iron fittings and equipment, energize and test for leaks. (See provided drawing)

- 1ea Spring loaded check valve, 3” flanged
- 1ea Air Vac, 1”, VA-201C
- 1ea 3x1 flanged ductile T with 1” x 48” nipple (for air vac mount)
- 1ea Valve to waste, 3” flanged, with timer
- 1ea Flanged ductile gate valve, 3”
- 4ea Flanged 3” ductile 90
- 1ea Flanged 3”x 36” ductile spool
- 1ea Flanged 3” x approximately 36” field fit spool
- 2ea Schedule 80 PVC flange, 3”
- 2ea Adjustable pipe support stands, 36”
- 12ea Bolt, nut, gasket kits, 3”
- 1ea PVC Blue glue, pint
- 1ea PVC primer, pint

Quote for pumphouse plumbing materials: _____

Quote for pumphouse plumbing labor, and testing: _____



COOKE WELL Pumphouse Plumbing

